II. CLAIM AMENDMENTS

1. (Currently Amended) A method for positioning a subscriber terminal ~~(MS)~~ in a packet-switched mobile telephone network comprising:~~, wherein for positioning the terminal a message is passed via a base station controller (GERAN, BSC, PCU)of the mobile telephone network, wherein~~

passing a message for positioning the terminal via a network element of the mobile telephone network that is configured for both circuit-switched and packet-switched messages for implementing ~~the~~ communications required for the positioning~~, both circuit-switched and packet-switched messages are used in the base station controller (GERAN, BSC, PCU, RNC) of the mobile telephone network~~;

establishing an association ~~is established~~ between ~~these~~the circuit-switched and packet-switched messages for transferring data relating to a certain positioning between packet-switched and circuit-switched functionality; and

using a circuit-switched connection between the network element and a location centre.

2. (Original) A method according to claim 1, wherein the data related to a certain positioning is data related to a certain location request.

3. (Original) A method according to claim 1, wherein the data related to a certain positioning is data related to the positioning of a certain subscriber terminal.

4. (Currently Amended) A method according to claim 1, wherein the determination of position is carried out by a location centre ~~(SMLC), and that the connection between the base station controller (GERAN, BSC) and the location centre (SMLC) is a circuit-switched connection, and the other~~ wherein connections in the mobile telephone network, other

than said connection between said network element and the location centre, are packet-switched connections.

5. (Currently Amended) A method according to claim 4, wherein a core network element ~~(SGSN)~~ of the mobile telephone network will pass the location request to the ~~base station controller (GERAN, BSC)~~ network element in packet-switched form with a packet identifier ~~(BSSGP/TLLI)~~ to establish a circuit-switched connection.

6. (Currently Amended) A method according to claim 1, wherein

~~the~~ said association is established by correlating ~~the~~a packet-switched message identifier ~~(TLLI)~~ with ~~the~~a circuit-switched message identifier ~~(SCCP-ID)~~.

7. (Original) A method according to claim 6, wherein the packet-switched message is converted into a message that can be forwarded under a circuit-switched protocol.

8. (Original) A method according to claim 6, wherein the circuit-switched message is converted into a message that can be forwarded under a packet-switched protocol.

9. (Currently Amended) A method according to claim 1, wherein the packet-switched functionality comprises a packet-switched protocol ~~(BSSGP)~~.

10. (Currently Amended) A method according to claim 1, wherein the circuit-switched functionality comprises a circuit-switched protocol ~~(SS7)~~.

11. (Currently Amended) A method according to claim 4, wherein the connection between the ~~base station controller (GERAN, BSC, RNC)~~ network element and the location centre ~~(SMLC)~~ is performed over an Lb interface using ~~the~~ SS7 protocol.

12. (Currently Amended) A system for positioning a subscriber terminal in a packet-switched mobile telephone network comprising:~~,~~

~~said network comprising~~ a core network element ~~(SGSN)~~, base stations ~~(B)~~, a base station controller ~~(RNC, GERAN)~~ controlling the base stations, and a mobile terminal ~~(MS)~~ of the mobile telephone network~~,~~; ~~and~~ wherein ~~the~~ connections in the mobile telephone network are ~~arranged~~configured as ~~in a~~ packet-switched connections~~fashion~~,

wherein the system comprises:

a location unit ~~(SMLC)~~ for determining the position of the terminal ~~(MS)~~, functionally connected with the ~~base station controller~~ a network element of the mobile telephone network, ~~and that~~ wherein ~~the~~a connection between the ~~base station controller (RNC, GERAN)~~ network element and the location unit ~~(SMLC)~~ is configured as a circuit-switched connection, and wherein the ~~base station controller (RNC, GERAN)~~ network element comprises:

both circuit-switched ~~(BSC, SS7)~~ and packet-switched ~~(PCU, BSSGP)~~ functionality for processing circuit-switched and, respectively, packet-switched messages,

the network element being arranged to ~~means for~~ establish~~ing~~ an association between the circuit-switched and the packet-switched functionality for the transmission of data related to a specific positioning between the packet-switched and the circuit-switched functionality.

13. (Currently Amended) A system according to claim 12, wherein the circuit-switched functionality comprises a circuit-switched protocol stack ~~(SS7)~~, and the packet-switched functionality comprises a packet-switched protocol stack ~~(BSSGP)~~.

14. (Currently Amended) A system according to claim 12, wherein the ~~base station controller~~ network element~~(RNC, GERAN) comprises means for~~ is arranged to converting a packet-switched message into a circuit-switched message.

15. (Currently Amended) A system according to claim 12, wherein the ~~base station controller~~network element ~~(RNC, GERAN) comprises means for~~ is arranged to converting a circuit-switched message into a packet-switched message.

16. (Currently Amended) A system according to claim 12, wherein there is an Lb interface between the ~~base station controller (RNC, GERAN)~~ network element and the location unit ~~(SMLC)~~, and the communications over ~~the~~ said Lb interface are arranged to be conducted using ~~the~~ SS7 protocol.

17. (Currently Amended) A system according to claim 12, wherein the system comprises ~~the~~ obtaining of a signal from the terminal ~~(MS)~~ in order for the location unit ~~(SMLC)~~ to be able to determine the position of the terminal.

18. (Currently Amended) A network element ~~(RNC, GERAN)~~ of a packet-switched mobile communications system~~, comprising means (PCU, BSSGP) for implementing packet-switched functionality for the processing of packet-switched messages,~~ wherein

the network element ~~comprises~~ is arranged to ~~means for~~ implement~~ing~~ circuit-switched ~~(BSC, SS7)~~ functionality for processing circuit-switched messages and packet-switched functionality for the processing of packet-switched messages;~~,~~ and wherein

the network element is arranged to ~~means for~~ establish~~ing~~ an association between the circuit-switched and the packet-switched functionality for the transmission of data related to a specific ~~communication~~ positioning between the packet-switched and the circuit-switched functionality; and wherein

the network element is arranged for circuit-switched communication with a location unit.

19. (Currently Amended) A network element according to claim 18, wherein the network element is arranged to ~~it comprises means for establishing a circuit-switched connection to the location unit (SMLC),~~

~~means for~~ establish~~ing~~ a packet-switched connection to ~~the~~ core network of the mobile communications system, and wherein

the network element is arranged to ~~means for~~ process~~ing~~ communications related to ~~the~~ positioning of a mobile communications terminal and ~~for~~ to ~~associating~~ associate packet-switched and circuit-switched positioning communications with each other.

20. (New) A method according to claim 1, wherein said network element is a network element belonging to a base station system of the mobile telephone network.

21. (New) A method according to claim 1, wherein said network element is a base station controller.

22. (New) A system according to claim 12, wherein said network element is a network element belonging to a base station system of the mobile telephone network.

23. (New) A system according to claim 12, wherein said network element is the base station controller.

24. (New) A network element according to claim 18, wherein said network element is a network element belonging to a base station system of the mobile communications system.

25. (New) A network element according to claim 18, wherein said network element is a base station controller.